

IMEC218.001AUS

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Catthoor, et al. )  
App. No. : 09/935789 )  
Filed : August 22, 2001 )  
For : A TASK CONCURRENCY )  
MANAGEMENT DESIGN METHOD )  
Examiner : Unknown )

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and

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Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

**Interuniversitair Microelektronica Centrum**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title:

Address: Kapeldreef 75  
B-3001 Leuven, Belgium

**Katholieke Universiteit Leuven**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title:

Address: Naamsestraat 22  
3000 Leuven, Belgium

**University of Patras**

*Dept of Electrical and Computer  
Engineering*

Dated: 23 November 2001

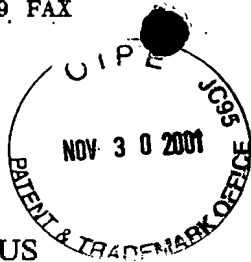
By: P. Groupas

*Prof Peter P GROUPAS*

Title: *Head of the Department*

Address: Rion 26110  
Patras, Greece

S:\DOCS\EMN\EMN-8504.DOC:101701



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Please use **Customer No. 20,995** for all communications.

**Interuniversitair Microelektronica Centrum**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title:

Address: Kapeldreef 75  
B-3001 Leuven, Belgium

**K.U.Leuven Research and Development**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title: P. Van Dun      Prof. Dr. ir. K. Debackere  
Director      Managing Director  
Address: Benedenstraat 58-59  
3000 Leuven, Belgium

**University of Patras**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title:

Address: Rion 26110  
Patras, Greece

Application No.: 09/935789  
Filing Date: August 22, 2001

PATENT  
Client Code: IMEC218.001AUS  
Page 1

### ASSIGNMENT

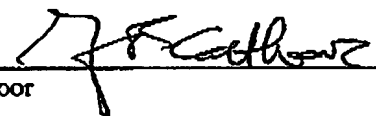
WHEREAS, We, Francky Catthoor, a Belgium citizen, residing at Hollebeek 66, 9140 Temse, Belgium, Peng Yang, a citizen of Belgium, residing at Vlamingenstraat 124/3053, 3000 Leuven, Belgium, Chun Wong, a citizen of China, residing at Kapucijnenvoer 122/Apartment 44, Leuven, B-3000, Belgium, Paul Marchal, a citizen of Belgium, residing at Hertogenveld 5, 3052 Blanden, Belgium, Aggeliki Prayati, a citizen of Greece, residing at 7-9, Zossiumou Street, 11473 Athens, Greece, Nathalie Cossement, a citizen of Belgium, residing at Grote Weg 70, B-8930 Rekkem, Belgium, Rudy Lauwereins, a citizen of Belgium, residing at Predikherenberg 15A, 3020 Winksele, Belgium, have invented certain new and useful improvements in a TASK CONCURRENCY MANAGEMENT DESIGN METHOD for which we have filed an application for Letters Patent in the United States, Application No. 09/935789, Filing Date August 22, 2001;

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC) (hereinafter "ASSIGNEE"), with its principal place of business at Kapeldreef 75, B-3001 Leuven Belgium, Katholieke Universiteit Leuven, with its principal place of business at Naamsestraat 22, 3000 Leuven, Belgium, and University of Patras, with its principal place of business at Rion 26110 Patras, Greece, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

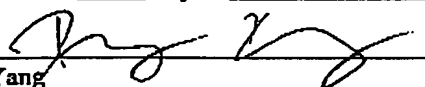
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of Oct, 2001

  
\_\_\_\_\_  
Francky Catthoor

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of Oct, 2001

  
\_\_\_\_\_  
Peng Yang

Application No.: 09/935789  
Filing Date: August 22, 2001

PATENT  
Client Code: IMEC218.001AUS  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of October, 2001

Chun Wong

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of Oct, 2001

Paul Muckel

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Aggeliki Prayati

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Nathalie Cossement

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Rudy Lauwereins

Application No.: 09/935789  
Filing Date: August 22, 2001

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Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Chun Wong

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Paul Marchal

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of November, 2001.

**DO NOT RECORD**  
Aggchika Prayati

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Nathalie Cossement

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Rudy Lauwereins

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\_\_\_\_\_  
Chun Wong

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\_\_\_\_\_  
Paul Marchal

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Aggeliki Prayati

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of November, 2001.

\_\_\_\_\_  
Nathalie Cossement

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Rudy Lauwereins



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\_\_\_\_\_  
Chun Wong

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Paul Marchal

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Aggeliki Prayati

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**DO NOT RECORD**

\_\_\_\_\_  
Nathalie Cossement

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of October, 2001.

\_\_\_\_\_  
Rudy Lauwereins



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Please use **Customer No. 20,995** for all communications.

**Interuniversitair Microelektronica Centrum**

Dated: 24/10/2001

By: VINCENT RYCKAERT

Title: PATENT OFFICER, EMPLOYED BY corporate reside

Address: Kapeldreef 75  
B-3001 Leuven, Belgium

**Katholieke Universiteit Leuven**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: Naamsestraat 22  
3000 Leuven, Belgium

**University of Patras**

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: Rion 26110  
Patras, Greece

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